

Form PTO-1449		Document Number (optional) LU 6047 (US)		Application Number 10/525,215	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;"> INFORMATION DISCLOSURE CITATION IN AN APPLICATION OCT 16 2005 <small>(Use several sheets if necessary)</small> </div>		Applicant <div style="text-align: center; font-size: 1.2em;">Shahram Mihan</div>			
		Filing Date February 22, 2005		GROUP ART UNIT 1621	

U. S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE OF APPLICATION
<i>[initials]</i>	3 2 4 2 1 5 0	03/22/66	Scoggin	260	88.2	
<i>[initials]</i>	3 2 4 8 1 7 9	04/26/66	Norwood	23	285	
<i>[initials]</i>	3 7 0 9 8 5 3	01/09/73	Karapinka	260	88.2 D	
<i>[initials]</i>	4 0 1 5 0 5 9	03/29/77	Karol	526	130	
<i>[initials]</i>	5 5 4 7 6 7 5	08/20/96	Canich	502	117	
<i>[initials]</i>	5 8 0 8 1 2 2	09/15/98	Herrmann et al.	556	58	
<i>[initials]</i>	6 1 6 0 1 4 5	12/12/00	Wu et al.	556	27	
<i>[initials]</i>	6 2 5 5 4 1 8	07/03/01	Jolly et al.	526	160	
<i>[initials]</i>	6 4 1 7 3 0 2	07/09/02	Bohnen	526	160	
<i>[initials]</i>	6 4 3 7 1 6 1	08/20/02	Mihan et al.	556	11	
<i>[initials]</i>	6 5 8 9 9 0 5	07/08/03	Fischer et al.	502	300	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
<i>[initials]</i>	1 9 6 3 0 5 8 0	02/05/98	DE			YES	NO
<i>[initials]</i>	1 9 7 1 0 6 1 5	09/17/98	DE				
<i>[initials]</i>	0 7 4 2 0 4 6	11/13/96	EP				
<i>[initials]</i>	9 1 0 9 8 8 2	07/11/91	WO				
<i>[initials]</i>	9 6 0 0 2 4 3	01/04/96	WO				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>[initials]</i>	K. H. Theopold et al., "Constrained Geometry Chromium Catalysts for Olefin Polymerization," <u>Organometallics</u> , Vol. 15(25), p. 5284-5286 (1996)
<i>[initials]</i>	P. Jutzi et al, "Cyclopentadienyl compounds with nitrogen donors in the side-chain," <u>Journal of Organometallic Chemistry</u> 500, p. 175-185 (1995)
<i>[initials]</i>	M. Enders et al., "8-Quinolylcyclopentadienyl, a Ligand with a Tailored Fit for Chelate Complexes," <u>Chem. Ber.</u> , Vol. 129, p. 459-463 (1996)

EXAMINER <i>Perfirio Nazario-Gonzalez</i>	DATE CONSIDERED <i>10/24/06</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Document Number (optional)

LU 6047 (US)

Application Number

10/525,215

Applicant

Shahram Mihan

Filing Date

February 22, 2005

GROUP ART UNIT

1621



INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

U. S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	PUBLICATION DATE IF APPROPRIATE
<i>[initials]</i>	6 6 9 9 9 4 8	03/02/04	Mihan et al.	526	161	
<i>[initials]</i>	6 7 5 6 5 0 5	06/29/04	Kristen et al.	556	7	
<i>[initials]</i>	6 7 8 4 2 6 1	08/31/04	Schopf et al.	526	16	
<i>[initials]</i>	6 8 1 2 1 8 5	11/02/04	Fischer et al.	502	120	
<i>[initials]</i>	6 9 1 1 5 1 6	06/28/05	Mihan et al.	526	348	
<i>[initials]</i>	7 0 4 5 6 4 4	05/16/06	Schopf et al.	556	63	
<i>[initials]</i>	7 0 5 3 1 6 0	05/30/06	Bingel et al.	526	170	
<i>[initials]</i>	2003 0 2 3 6 1 6 4	12/25/03	Fischer et al.	502	439	
<i>[initials]</i>	2004 0 2 1 4 9 7 0	10/28/04	Schopf et al.	526	159	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>[initials]</i>	9 6 1 3 5 2 9	05/09/96	WO				
<i>[initials]</i>	9 7 0 4 0 1 5	02/06/97	WO				
<i>[initials]</i>	9 7 3 6 9 3 7	10/09/97	WO				
<i>[initials]</i>	9 8 2 2 4 8 6	05/28/98	WO				
<i>[initials]</i>	9 8 2 7 1 2 4	06/25/98	WO				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>[initials]</i>	M. S. Blais et al., 'Pendent Aminoalkyl-Substituted Monocyclopentadienyltitanium Compounds and Their Polymerization Behavior,' <u>Organometallics</u> , Vol. 17(17), p. 3775-3783 (1998)
<i>[initials]</i>	T. Mise et al., "Preparation and structure of the <i>ansa</i> -molybdenocene and tungstenocene derivatives. Reaction of $[O(SiMe_2C_2H_4)_2]MoH_2$ with methyl methacrylate to probe the olefin attacking site," <u>Journal of Organometallic Chemistry</u> , Vol. 473, p. 155-162 (1994)
<i>[initials]</i>	A. Döhning et al., "Donor-Ligand-Substituted Cyclopentadienylchromium (III) Complexes: A New Class of Alkene Polymerization Catalyst. 1. Amino-Substituted Systems," <u>Organometallics</u> , Vol. 19(4), p. 388-402 (2000)

EXAMINER

Porfirio Nazario Gonzalez

DATE CONSIDERED

10/24/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 808; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.




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U. S. PATENT DOCUMENTS[illegible]

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>[Handwritten mark]</i>	0031090	06/02/00	WO				
<i>[Handwritten mark]</i>	0035928	06/22/00	WO				
<i>[Handwritten mark]</i>	0109148	02/08/01	WO				
<i>[Handwritten mark]</i>	0112687	02/22/01	WO				
<i>[Handwritten mark]</i>	0141920	06/14/01	WO				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


	L. Resconi et al., "Selectivity in Propene Polymerization with Metallocene Catalysts," <u>Chem. Rev.</u> , Vol. 100(4), p. 1253-1345 (2000)
	L. Fieser & M. Fieser, "III. Die Steroide," <u>Lehrbuch Der Organischen Chemie</u> , Verlag Chemie, 3rd revised edition, Weinheim, p. 366-376 (1958) - includes Table of Contents
	H. Brintzinger et al., "ansa-Metallocene derivatives - XVII. Racemic and meso diastereomers of group IV metallocene derivatives with symmetrically substituted, dimethylsilanediyl-bridged ligand frameworks. Crystal structure of R, S-Me ₂ Si(3-t-Bu-5-MeC ₆ H ₃) ₂ ZrCl ₂ ," <u>Journal of Organometallic Chemistry</u> , Vol. 369, p. 359-370 (1989)

EXAMINER <i>Terina Nazari Ghazizadeh</i>	DATE CONSIDERED <i>10/24/06</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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 <p>PIPE INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p><i>(Use several sheets if necessary)</i></p>		Applicant Shahram Milhan	
		Filing Date February 22, 2005	GROUP ART UNIT 1621



U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	R. Duchateau et al., "Synthesis of Cyclopentadienyl-, Indenyl-, and Fluorenylbis (pentafluorophenyl)boranes as Ligands in Titanium and Zirconium Half-Sandwich Complexes. The Crystal Structures of $C_{13}H_9B(C_6F_5)_2 \cdot t-BuNH_2$, $C_{13}H_8SiMe_3B(C_6F_5)_2$, and $\{\eta^5-C_5H_4B(C_6F_5)_2\}TiCl_3$," <u>Organometallics</u> , Vol. 16(23), p. 4995-5005 (1997)
	G. Zi et al., "Synthesis, Structural Characterization, and Catalytic Property of Group 4 Metal Carborane Compounds with a iPr_2 -NB-Bridged Constrained-Geometry Ligand," <u>Organometallics</u> , Vol. 21(19), p. 3850-3855 (2002)

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Shahram Mihan

February 22, 2006

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U. S. PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	M. Enders et al., "Activation of σ - and π -Bonds by Metal Complexes with Hemilabile Quinolyl Cyclopentadienyl Ligands," Part I, Abstract D091, <u>18th Conference on Organometallic Chemistry</u> , Munich, 8/16-21/98

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10/24/02

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